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Case Docket No. 7152

Date: May 10, 2004 Signature Dennis Upoil

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Re: Application of: Smith et al
Serial No.: 09/945,202
Filed: August 31, 2001
For: INSULATION BATT AND PACKAGE

Art Unit: 1772
Examiner: Rhee, Jane J

Sir:

Transmitted herewith is/are the following document(s) related to the above-identified application:

- ☐ Notice of Appeal
- ☐ Associate Power of Attorney
- ☒ Brief on Appeal (in triplicate)
- ☐ Request for Oral Hearing

Please extend the time for filing the Notice of Appeal _____ (____) month(s) to _____.

The fee has been calculated as shown below:

Notice of Appeal	\$330.00	
Appeal Brief	\$330.00	330.00
Request for Oral Hearing	\$290.00	
Fee for Extension of Time		
1 month \$110.00, 2 months \$420.00, 3 months \$950.00		
Total		330.00

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES**

Applicants: John B. Smith et al
Serial No. 09/945,202
Filed: August 31, 2001
For: INSULATION BATT AND PACKAGE

Art Unit: 1772

Rhee, Jane J.
Examiner

May 6, 2004

APPELLANTS' BRIEF ON APPEAL
UNDER 37 C.F.R. SECTION 1.192(a)

Mail Stop Appeal Briefs-Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Appellant hereby appeals the decision of the Examiner as set forth in the Office Action dated September 25, 2003, wherein the Examiner rendered a final rejection of claims 1-33 and 54-63. Appellant's Notice of Appeal was filed on March 18, 2004, and hence, this brief, submitted in triplicate, is timely.

I. REAL PARTY IN INTEREST

Johns Manville International, Inc., having a place of business at 717 17th Street, Denver, Colorado, 80202, is the assignee of the subject patent application.

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II. RELATED APPEALS AND INTERFERENCES

There are no other appeals or interference proceedings, known to Appellant, which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

III. STATUS OF CLAIMS

Claims 1 to 33 and 54 to 63 are pending in the application and have been rejected. Claims 34 to 53 have been canceled. Appellants hereby appeal the final rejection of claims 1-32. Appellants are not appealing the rejection of claims 33 and 54 to 63.

IV. STATUS OF AMENDMENTS

Appellant's amendment filed January 21, 2004 has been entered.

V. SUMMARY OF THE INVENTION

The insulation packages 10 and 20 of the subject invention shown in Figures 1, 2 and 3 provide an insulation package that contains a plurality of both uncut resilient fibrous insulation batts 24 and pre-cut resilient fibrous insulation batts 26. The pre-cut resilient fibrous insulation

batts 26 have longitudinally extending separable batt sections. Figures 10 to 12 show a resilient fibrous insulation batt 26 that has longitudinally separable batt sections 44, 46, 48, and 50. The batt sections (e.g. batt sections 44, 46, 48 and 50) are separably joined to adjacent batt sections by separable connector means (e.g. separable connectors 36 of Figure 11), extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together as a unit for handling. Each of the separable connector means is separable by hand to separate adjacent batt sections from each other whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width.

The resilient fibrous insulation batts 24 and 26 within the insulation package of the present invention 10 or 20 may be faced or unfaced fibrous insulation batts of a pre-selected width, which are in a compressed condition. Between 20% and 70% of the resilient fibrous insulation batts in the insulation package are pre-cut resilient fibrous insulation batts and between 30% and 80% of the resilient fibrous insulation batts in the insulation package are uncut resilient fibrous insulation batts. In the insulation package 10 of Figures 1 and 2, the uncut and pre-cut resilient fibrous insulation batts 24 and 26 are a compressed stack of uncut and pre-cut resilient fibrous insulation batts that are contained together within a covering 12. In the insulation package 20 of Figure 3, the compressed stacks of uncut fibrous insulation batts 24 and the compressed stacks of pre-cut resilient fibrous insulation batts 26 are contained within separate insulation packages 14 and 16 respectively. The separate insulation packages 14 and 16 are bound together with bands 18 to form the unitized insulation package 20.

VI. ISSUES

Claims 1 to 32 have been rejected under 35 U.S.C. Section 103(a) as being unpatentable over Weinstein et al, U.S. Patent No. 6,165,305 (hereinafter, Weinstein et al; copy enclosed) in view of Berdan, U.S. Patent No. 5,350,063 (hereinafter, Berdan; copy enclosed) and further in view of Allwein et al, U. S. Patent No. 5,817,387 (hereinafter, Allwein et al; copy enclosed). The issue on appeal may be stated as follows:

Whether claims 1 to 32 are unpatentable under 35 U.S.C. Section 103(a) over Weinstein et al in view of Berdan and further in view of Allwein et al.

VII. GROUPING OF CLAIMS

The claims stand or fall together.

VIII. ARGUMENT

The insulation packages of the subject invention defined by claim 1 (the insulation package 10 shown in Figures 1 and 2) and claim 17 (the insulation package 20 shown in figure 3) provide insulation contractors with an insulation package that contains a plurality of both uncut resilient fibrous insulation batts 24 and pre-cut resilient fibrous insulation batts 26 so that the contractor can quickly and easily insulate both standard (e.g. fourteen and one half inch and twenty two and one half inch wide cavities) and nonstandard width wall, ceiling, floor and

roof cavities of lesser widths. The pre-cut resilient fibrous insulation batts 26 in the packages have longitudinally extending separable batt sections. Figures 10 to 12 show a resilient fibrous insulation batt 26 that has longitudinally separable batt sections 44, 46, 48, and 50. The batt sections (e.g. batt sections 44, 46, 48 and 50) are separably joined to adjacent batt sections by separable connector means (e.g. separable connectors 36 of Figure 11), extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together as a unit for handling. Each of the separable connector means is easily separable by hand to separate adjacent batt sections from each other whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width. By including both uncut resilient fibrous insulation batts 24 and pre-cut resilient fibrous insulation batts 26 in the package that can have longitudinally extending sections removed to reduce the widths of the batts, the contractor can insulate both standard width and nonstandard width wall cavities and the like without having to cut insulation batts at the job site with knives or other cutting tools to size the batts to the nonstandard width wall cavities and without having to unnecessarily handle additional insulation packages. The resilient fibrous insulation batts 24 and 26 within the insulation package of the present invention 10 or 20 may be faced or unfaced fibrous insulation batts of a pre-selected width, which are in a compressed condition. Between 20% and 70% of the resilient fibrous insulation batts in the insulation package are pre-cut resilient fibrous insulation batts and between 30% and 80% of the resilient fibrous insulation batts in the insulation package are uncut resilient fibrous insulation batts. In the insulation package of claim 1 (the insulation package 10 of Figures 1 and 2), the uncut and pre-cut resilient fibrous insulation batts 24 and 26 are a compressed stack of uncut and pre-cut resilient fibrous

insulation batts that are contained together within a package formed by a covering 12. In the insulation package of claim 17 (the insulation package 20 of Figure 3), the compressed stacks of uncut fibrous insulation batts 24 and the compressed stacks of precut resilient fibrous insulation batts 26 are contained within separate insulation packages 14 and 16 respectively. The separate insulation packages 14 and 16 are bound together with bands 18 to form the unitized insulation package 20.

Claims 1 to 32 have been rejected under 35 USC 103(a) as being unpatentable over Weinstein et al (6,165,305) in view of Berdan (5,350,063) and further in view of Allwein et al (5,817,387).

Berdan discloses an insulation shipping package unit 18 for compressible insulation products that comprises at least two insulation packages 14. The only insulation packages disclosed or suggested by Berdan are insulation packages made up of a collection of a single type of insulation batt 10 shown in Figure 1.

Weinstein et al disclose a pre-cut fibrous insulation batt made up of a plurality of separable batt sections that is used to insulate both standard width and non-standard width cavities (col. 1, lines 9-17). As shown in Figures 3 and 5, the batt sections 38, 40 and 42 are formed by cuts 34, 36 and batt sections 138, 140 and 142 are formed by cuts 134, 136. The cuts 34, 36 and 134, 136 are continuous and extend in from a major surface of the batt to leave separable connectors adjacent the opposite major surface of the batt that join the batt sections together. Weinstein et al disclose that it is common for 50% or more of the framing members in the exterior walls of residential structures to be spaced apart at nonstandard distances less than the standard spacing between such framing members. However, even though Weinstein et al disclose that 50% or more of the framing members in the exterior walls of residential structures are spaced apart less than a standard distance and issued about six

years after Berdan, Weinstein et al only teach insulating both standard width and non-standard width cavities with their separable batts and do not disclose or suggest packaging uncut and pre-cut fibrous insulation batts together in a package to facilitate the insulation of both standard width and non-standard width cavities by an installer with both uncut and pre-cut resilient fibrous insulation batts. Thus, both Weinstein et al and Berdan teach away from the versatile package of the subject invention that provides the installer with both uncut and pre-cut insulation batts with which to insulate building cavities. Berdan teaches the inclusion of only one type of insulation batt in a package and Weinstein et al teaches the use a pre-cut fibrous insulation batt for insulating both standard and non-standard width cavities.

Allwein et al disclose encapsulated insulation batt assemblies 20 that include an insulation material such as a single uncut fibrous batt 24 encapsulated within an envelope 26. The ends of insulation batt assemblies 20 are joined together by the encapsulating sheet material that forms the envelope about each separately encapsulated batt. Allwein et al do not disclose or suggest pre-cut fibrous insulation batts where batt sections are formed in the batts by longitudinal cuts in the batts and the batt sections are separably held together by separable connectors formed in the fibrous batts by the cuts. Nor do Allwein et al disclose or suggest packaging uncut and pre-cut fibrous insulation batts together within a package to facilitate the insulation of both standard width and non-standard width cavities by an installer without the need to cut batts longitudinally at the job site by providing the installer with uncut batts for insulating standard width cavities and pre-cut batts for insulating non-standard width cavities.

Claims 1 to 16 define an insulation package, such as the insulation package shown in Figures 1 and 2, containing both uncut and pre-cut fibrous insulation batts. More specifically, claim 1 and dependent claims 2 to 16 define an insulation package that includes a plurality of uncut and pre-cut resilient fibrous insulation batts in a compressed stack. Each of the pre-cut

fibrous insulation batts has a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the fibrous insulation batt and located intermediate the batt sections of the fibrous insulation batt. Each of the batt sections are separably joined to adjacent batt sections by separable connector means that extend along the length of the pre-cut fibrous insulation batt. Each separable connector means is separable by hand to separate adjacent batt sections whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width. The stack of resilient fibrous insulation batts contained within the package includes between 20% and 70% pre-cut fibrous insulation batts and between 30% and 80% uncut fibrous insulation batts. The stack of resilient fibrous insulation batts is compressed in a direction perpendicular to the major surfaces of the insulation batts in the stack and the stack of resilient fibrous insulation batts is enveloped within a covering to form the package containing both uncut and pre-cut resilient fibrous insulation batts.

As discussed above, Weinstein et al, Berdan, and Allwein et al do not disclose or suggest an insulation package containing a stack of both uncut and pre-cut resilient fibrous insulation batts. Nor do Weinstein et al, Berdan, and Allwein disclose or suggest an insulation package containing a stack of both uncut and pre-cut resilient fibrous insulation batts wherein the stack of resilient insulation batts contained within the package includes between 20% and 70% pre-cut fibrous insulation batts and between 30% and 80% uncut fibrous insulation batts.

Since the insulation package of the present invention contains between 20% and 70% pre-cut resilient fibrous insulation batts and between 30% and 80% uncut resilient fibrous insulation

batts, an insulation contractor using the insulation packages of the present invention to insulate a building can quickly and easily insulate both the standard and non standard width cavities of the building without having to cut the insulation batts longitudinally at the job site to size the batts for cavities of less than a standard cavity width and without having to unnecessarily handle additional insulation packages.

Claims 17 to 32 define an insulation package, such as the insulation package shown in Figure 3, containing both uncut and pre-cut fibrous insulation batts. More specifically, claim 17 and dependent claims 18 to 32 define a unitized insulation package that includes a plurality of insulation packages bound together as a unit. Each of the individual insulation packages in the unitized insulation package comprises a plurality of resilient fibrous insulation batts in a stack and a covering that envelops the stack of batts. The resilient fibrous insulation batts contained in a first set of the insulation packages contained within the unitized insulation package are uncut resilient fibrous insulation batts. The resilient fibrous insulation batts contained in a second set of the insulation packages contained within the unitized insulation package are pre-cut resilient fibrous insulation batts. Each of the pre-cut fibrous insulation batts in the second set of insulation packages has a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the fibrous insulation batt and located intermediate the batt sections of the fibrous insulation batt. Each of the batt sections are separably joined to adjacent batt sections by separable connector means that extend along the length of the pre-cut fibrous insulation batt. Each separable connector means is separable by hand to separate adjacent batt sections whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable

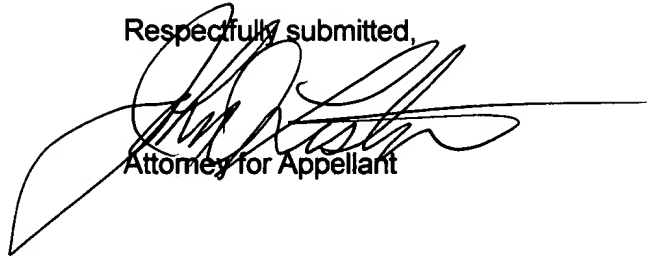
connector means for insulating a cavity having a lesser width. The first set of insulation packages containing the pre-cut fibrous insulation batts forms between 30% and 80% of the insulation packages in the unitized package and the second set of insulation packages containing the uncut fibrous insulation batts forms between 20% and 70% of the insulation packages in the unitized package.

As discussed above, Weinstein et al, Berdan, and Allwein et al do not disclose or suggest a unitized insulation package containing both packages of uncut and pre-cut resilient fibrous insulation batts that are bound together. Nor do Weinstein et al, Berdan, and Allwein disclose or suggest a unitized insulation package containing both packages of uncut and pre-cut resilient fibrous insulation batts wherein the insulation packages contained within the unitized package include between 20% and 70% packages of pre-cut fibrous insulation batts and between 30% and 80% packages of uncut fibrous insulation batts. Since the unitized insulation package of the present invention contains between 20% and 70% pre-cut resilient fibrous insulation batts and between 30% and 80% uncut resilient fibrous insulation batts, an insulation contractor using the unitized insulation packages of the present invention to insulate a building can quickly and easily insulate both the standard and non standard width cavities of the building without having to cut the insulation batts longitudinally at the job site to size the batts for cavities of less than a standard cavity width and without having to unnecessarily handle additional insulation packages.

In view of the arguments presented by Appellants with respect to the patentability of independent claims 1 and 17 and the claims depending therefrom (claims 2-16 and 18-32), Appellants respectfully request the Board of Patent Appeals and Interferences to reverse the rejection of claims 1 to 32 as being unpatentable over Weinstein et al in view of Berdan and further in view of Allwein et al. Appellants further request the allowance of claims 1 to 32 over

Weinstein et al in view of Berdan and further in view of Allwein et al.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'John D. Lister', is written over the text 'Respectfully submitted,'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Attorney for Appellant

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APPENDIX

CLAIMS ON APPEAL

1. An insulation package comprising:

a plurality of resilient fibrous insulation batts in a stack; each of the resilient fibrous insulation batts having a length, a width and a thickness; each of the resilient fibrous insulation batts having a first major surface and a second major surface; the resilient fibrous insulation batts including uncut fibrous insulation batts and pre-cut fibrous insulation batts;

each of the pre-cut fibrous insulation batts having a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the pre-cut fibrous insulation batt and located intermediate the batt sections of the pre-cut fibrous insulation batt; each of the cut means being closed to prevent a formation of thermal bridges in the direction of the thickness of the pre-cut fibrous insulation batt; the batt sections being separably joined to adjacent batt sections by separable connector means, extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together for handling; and each of the separable connector means being separable by hand to separate adjacent batt sections from each other whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width;

between 20% and 70% of the stack of resilient fibrous insulation batts being the pre-cut fibrous insulation batts; between 30% and 80% of the stack of resilient fibrous insulation batts being the uncut fibrous insulation batts;

the stack of resilient fibrous insulation batts being compressed in a direction perpendicular to the major surfaces of the insulation batts; and

the stack of resilient fibrous insulation batts being enveloped within a covering to form a package containing the resilient fibrous insulation batts that includes between 20% and 70% of the pre-cut fibrous insulation batts and between 30% and 80% of the uncut fibrous insulation batts.

2 The insulation package according to claim 1, wherein:

each of the resilient fibrous insulation batts is between about 10 inches and 24 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about $1\frac{1}{2}$ to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

3 The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 15 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about $2\frac{1}{2}$, 4, 4, and $4\frac{1}{2}$ inches.

4. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 3 ½, 4, 4, and 11 ½ inches.

5. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 3, 4, 4, 3, 4 and 5 inches.

6. The insulation package according to claim 2, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

7. The insulation package according to claim 1, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by

hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

8. The insulation package according to claim 7, wherein:

the separable means of each of the facing sheets bonded to one of the pre-cut fibrous insulation batts are perforated lines in the facing sheet.

9. The insulation package according to claim 8, wherein:

perforations of each of the perforated lines of each of the facing sheets bonded to one pre-cut fibrous insulation batts are filled with a bonding agent that bonds the facing sheet to the first major surface of the pre-cut fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

10. The insulation package according to claim 9, wherein:

each of the facing sheets has a first pair of tabs, adjacent lateral edges of the first major surface of and extending along the length of the resilient fibrous insulation batt to which the facing sheet is bonded, for securing the resilient fibrous insulation batt to framing members; and

each of the facing sheets bonded to one of the pre-cut fibrous insulation batts has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the pre-cut fibrous insulation batt to which the facing sheet is bonded, for securing the batt sections of the pre-cut fibrous insulation batt to framing members; and each tab of each the additional pairs of tabs is joined to the other of the pair of tabs by one of the perforated lines.

11. The insulation package according to claim 1, wherein:

the separable connector means are formed in the pre-cut fibrous insulation batts by partial cuts in the pre-cut fibrous insulation batts, intermediate adjacent batt sections of the pre-cut fibrous insulation batt, that do not completely sever the batt between the adjacent batt sections; and the partial cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

12. The insulation package according to claim 1, wherein:

each of the cut means is a series of cuts passing from the first major surface to the second major surface of the pre-cut fibrous insulation batts; each of the separable connector means is a series of separable batt connectors separated and formed by the series of cuts; and the cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

13. The insulation package according to claim 12, wherein:

each of the resilient fibrous insulation batts is between about 10 inches and 24 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about $1\frac{1}{2}$ to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

14. The insulation package according to claim 13, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

15. The insulation package according to claim 13, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

16. The insulation package according to claim 13, wherein:

the successive batt sections have widths such that an integral batt can be formed having any of a series of selected widths that differ in width, predominately, in about 1 to about 2 inch increments.

17. A unitized insulation package comprising:

a plurality of insulation packages; means binding the plurality of insulation packages together as a unit; each of the insulation packages comprising a plurality of resilient fibrous insulation batts in a stack that is enveloped within a covering; each of the resilient fibrous insulation batts having a length, a width and a thickness; each of the resilient fibrous insulation batts having a first major surface and a second major surface; the resilient fibrous insulation batts contained in a first set of the insulation packages being uncut resilient fibrous insulation batts and the resilient fibrous insulation batts contained in a second set of the insulation packages being pre-cut resilient fibrous insulation batts;

each of the pre-cut fibrous insulation batts contained in the second set of the insulation packages having a plurality of longitudinally extending batt sections formed in the pre-cut fibrous insulation batt by a plurality of longitudinally extending cut means spaced inwardly from lateral edges of the fibrous insulation batt and located intermediate the batt sections of the fibrous insulation batt; each of the cut means being closed to prevent a formation of thermal bridges in the direction of the thickness of the fibrous insulation batt; the batt sections being separably joined to adjacent batt sections by separable connector means, extending along the length of the pre-cut fibrous insulation batt, for holding the pre-cut fibrous insulation batt together for handling; and the separable connector means being separable by hand to separate adjacent batt sections whereby the pre-cut fibrous insulation batt can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or separated by hand into batt sections at one or more of the separable connector means for insulating a cavity having a lesser width; and

the first set of insulation packages being between 30% and 80% of the insulation packages in the unit; and the second set of insulation packages being between 20% and 70% of the insulation packages in the unit.

18. The unitized insulation package according to claim 17, wherein:

each of the resilient fibrous insulation batts is between about 10 inches and 24 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about $1\frac{1}{2}$ to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

19. The unitized insulation package according to claim 18, wherein:

each of the resilient fibrous insulation batts is about 15 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about $2\frac{1}{2}$, 4, 4, and $4\frac{1}{2}$ inches.

20. The insulation package according to claim 18, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about $3\frac{1}{2}$, 4, 4, and $11\frac{1}{2}$ inches.

21. The unitized insulation package according to claim 18, wherein:

each of the resilient fibrous insulation batts is about 23 inches in width; and the successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths of about 3, 4, 4, 3, 4 and 5 inches.

22. The unitized insulation package according to claim 18, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

23. The unitized insulation package according to claim 18, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

24. The unitized insulation package according to claim 23, wherein:

the separable means of each of the facing sheets bonded to one of the pre-cut fibrous insulation batts are perforated lines in the facing sheet.

25. The unitized insulation package according to claim 24, wherein:

perforations of each of the perforated lines of each of the facing sheets bonded to one pre-cut fibrous insulation batts are filled with a bonding agent that bonds the facing sheet to the first major surface of the pre-cut fibrous insulation batt to close the perforations so that the facing sheet functions as a vapor barrier.

26. The unitized insulation package according to claim 25, wherein:

each of the facing sheets has a first pair of tabs, adjacent lateral edges of the first major surface of and extending along the length of the resilient fibrous insulation batt to which the facing sheet is bonded, for securing the resilient fibrous insulation batt to framing members; and

each of the facing sheets bonded to one of the pre-cut fibrous insulation batts has additional pairs of tabs, at least substantially aligned with the separable connector means of and extending along the length of the pre-cut fibrous insulation batt to which the facing sheet is bonded, for securing the batt sections of the pre-cut fibrous insulation batt to framing members; and each tab of each the additional pairs of tabs is joined to the other of the pair of tabs by one of the perforated lines.

27. The unitized insulation package according to claim 17, wherein:

the separable connector means are formed in the pre-cut fibrous insulation batts by partial cuts in the pre-cut fibrous insulation batts intermediate adjacent batt sections of the pre-

cut fibrous insulation batt and the partial cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

28. The unitized insulation package according to claim 17, wherein:

each of the cut means is a series of cuts passing from the first major surface to the second major surface of the pre-cut fibrous insulation batts; each of the separable connector means is a series of separable batt connectors separated and formed by the series of cuts; and the cuts are closed to prevent the formation of thermal bridges by the resilience of the pre-cut fibrous insulation batt.

29. The unitized insulation package according to claim 28, wherein:

each of the resilient fibrous insulation batts is between about 10 inches and 24 inches in width; and successive batt sections of the batt sections of each of the pre-cut fibrous insulation batts have widths such that, by separating at least one of the batt sections from the pre-cut fibrous insulation batt, an integral batt can be formed having any of a series of selected widths that range from a width of about 1½ to 3 inches to a greater width less than the width of the pre-cut fibrous insulation batt and that differ in width in increments that are between about 1 inch and about 4 inches in width.

30. The unitized insulation package according to claim 29, wherein:

each of the resilient fibrous insulation batts is a resilient glass fiber insulation batt; the density of each of the resilient fibrous insulation batts is between about 0.4 pounds/ft³ and about 1.5 pounds/ft³; the length of each of the resilient fibrous insulation batts is at least 46 inches; the thickness of each of the fibrous insulation batts is at least 3 inches.

31. The unitized insulation package according to claim 29, wherein:

a facing sheet overlies and is bonded to the first major surface of each of the resilient fibrous insulation batts; and each of the facing sheets overlying and bonded to one of the pre-cut fibrous insulation batts has a separable means therein extending for the length of the pre-cut fibrous insulation batt for permitting the facing sheet to be separated by hand along the length of the separable connector means of the pre-cut fibrous insulation batt whereby the pre-cut fibrous insulation batt with the facing sheet can be handled as a unit for insulating a cavity having a width about equal to the width of the pre-cut fibrous insulation batt or easily separated into sections by hand at one of the separable connector means of the pre-cut fibrous insulation batt and the separable means of the facing sheet for insulating a cavity having a width less than the width of the pre-cut fibrous insulation batt.

32. The unitized insulation package according to claim 29, wherein:

the successive batt sections have widths such that an integral batt can be formed having any of a series of selected widths that differ in width, predominately, in about 1 to about 2 inch increments.